Oxidative Esterification of Primary Alcohols with a Pd/Bi/Te Catalyst

**Significance:** Palladium on activated charcoal (Pd/C, 5 wt%, purchased from Sigma-Aldrich) in combination with Bi(NO$_3$)$_3$·5H$_2$O and Te catalyzed the aerobic oxidative esterification of primary alcohols to give the corresponding methyl esters in 6–100% yield (32 examples, eq. 1).

**Comment:** In the absence of Bi(NO$_3$)$_3$·5H$_2$O and Te, the oxidative esterification of 1-octanol gave methyl octanoate in 16% yield. The catalytic activity of palladium on activated charcoal was superior to that of palladium on carbon and alumina (purchased from Sigma-Aldrich).